

Reducing readmission rates for heart failure patients through the application of interdisciplinary care

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【Background】

Heart disease holds the title of the leading cause of death nationwide and ranks second among the top ten causes of death in Taiwan. Heart failure, a complex and severe chronic condition, often accompanies various comorbidities and has a high recurrence rate. Literature indicates a 20% readmission rate within thirty days. It is hoped that through interdisciplinary care, discharge to home self-care can be enhanced to reduce readmission rates.

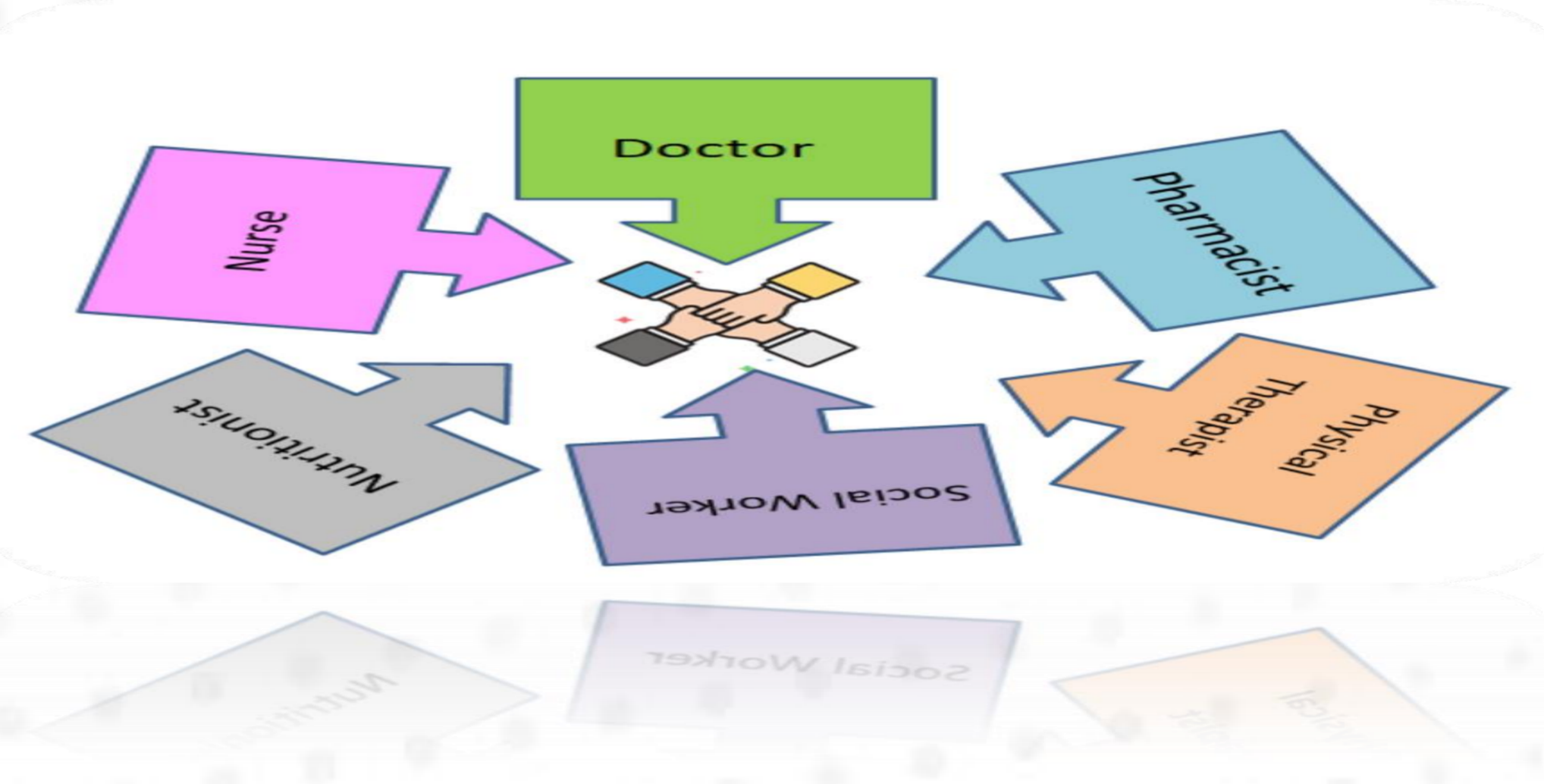
【Method】

1. Designate admission orders code to automatically initiate interdisciplinary care through information system.
2. Regular follow-up phone calls after discharge to track medication adherence and self-care effectiveness in patients.
3. Utilize multimedia such as educational booklets and videos for one-on-one bedside education sessions.
4. Report visit rates and care outcomes for each profession at quarterly team meetings.
5. Develop heart failure patient education package based on guidelines.

Video introduction : heart failure

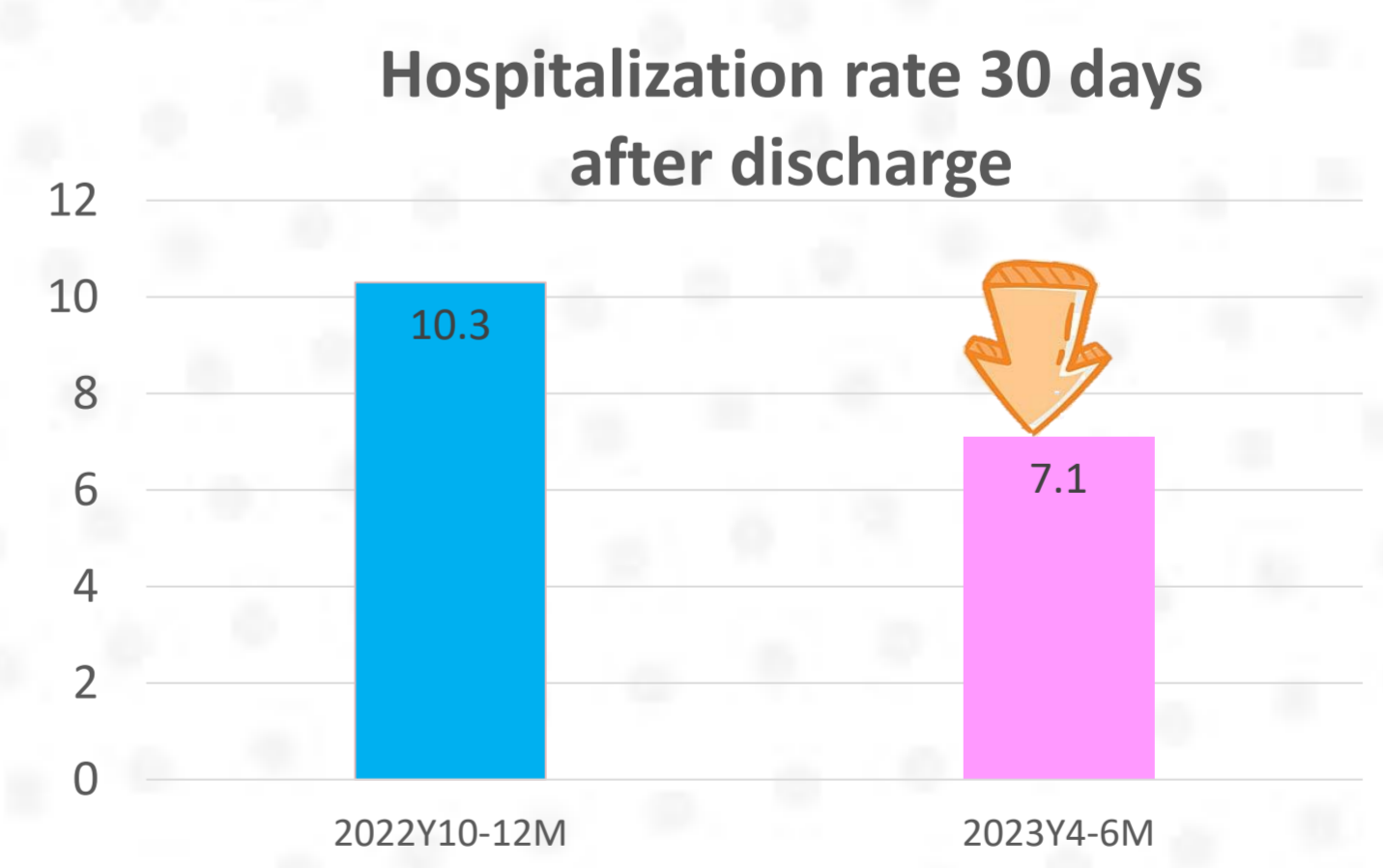
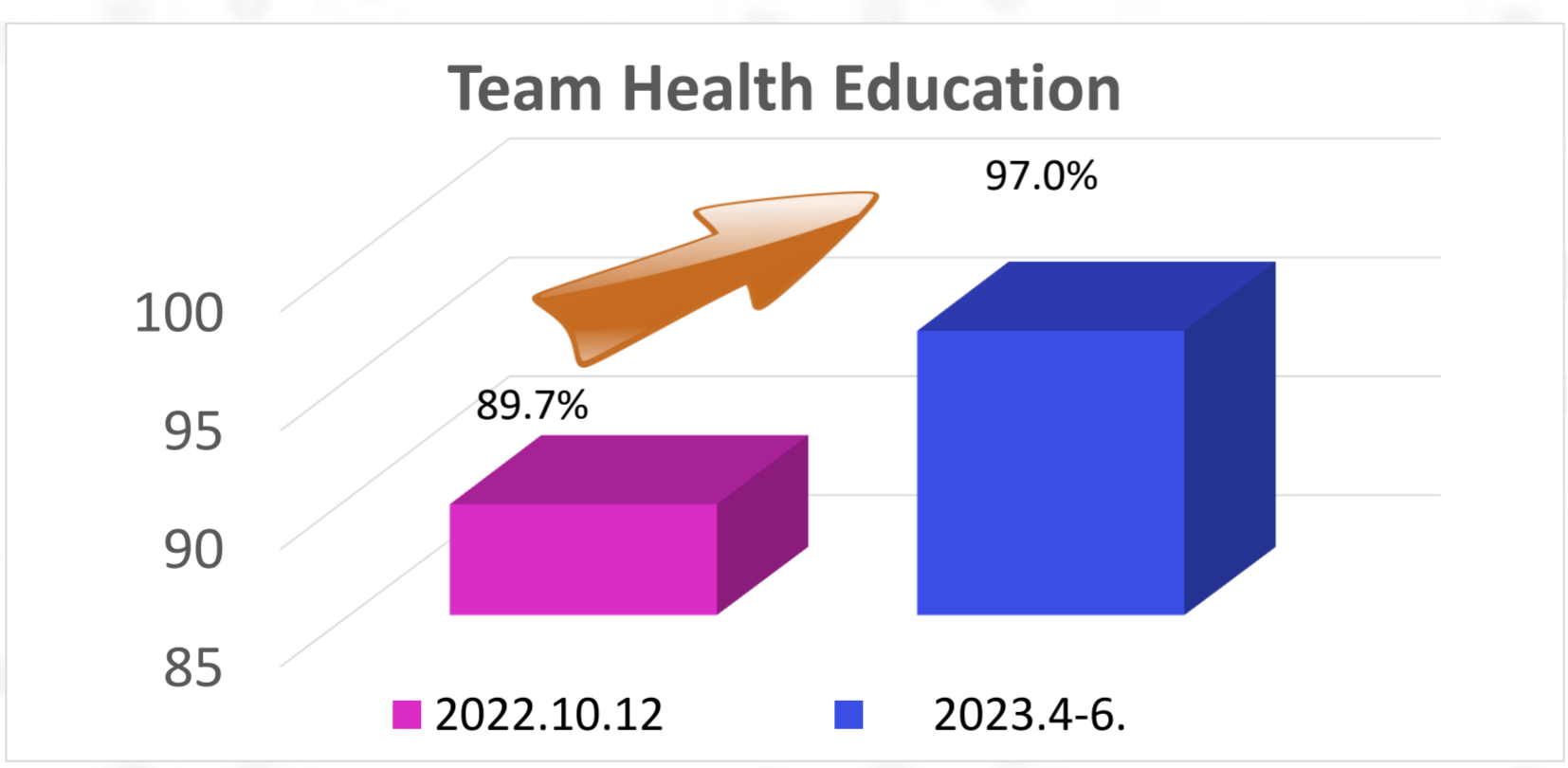
1046313	男	77歲	健保	心外	林正欣	★心衰
1421009	女	37歲	健保	心外	郭家誠	heart failure
1779031	男	73歲	健保	心外	吳清文	
5200993	男	40歲	健保	心外	吳清文	
417561	男	78歲	健保	心外	吳清文	
5199784	女	19歲	健保	心外	郭家誠	
5182835	女	62歲	健保	心外	吳清文	
5202496	女	46歲	健保	心外	鄭伯智	困難插管
5200660	男	44歲	健保	心外	郭家誠	
1418445	女	53歲	健保	心外	吳清文	
607457	女	76歲	健保	心外	吳清文	★心衰

Information tips : ★heart failure



【Results】

Through the implementation of interdisciplinary care combined with integrated information, the team's education visit rate increased from 89.7% in October to December 2022 to 97% in April to June 2023. Additionally, the 30-day readmission rate decreased from 10.3% in October to December 2022 to 7.1% in April to June 2023.



【Conclusions】

Through the integration of patient data and interdisciplinary care via information systems, rapid provision of treatment and education is enabled, assisting patients in developing self-care abilities and implementing self-management to improve their condition. This not only reduces readmission rates but also enhances self-care techniques, increases the quality of care, and improves patient satisfaction with healthcare. Therefore, interdisciplinary care is a promising new model worth promoting.

【Keywords】 heart failure、team care、readmission rate